

Fig 1

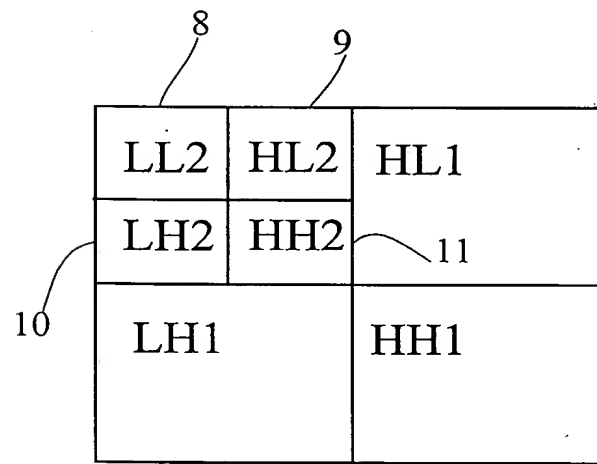


Fig 2

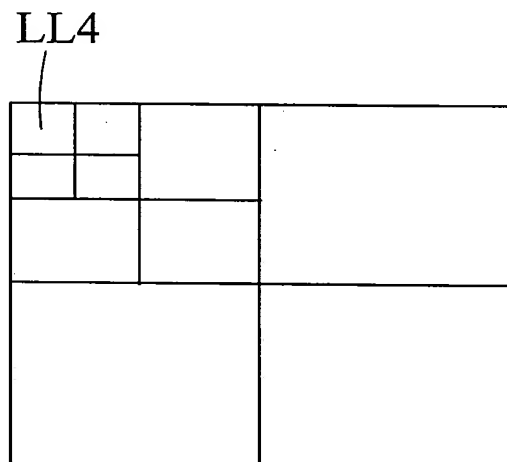


Fig 3

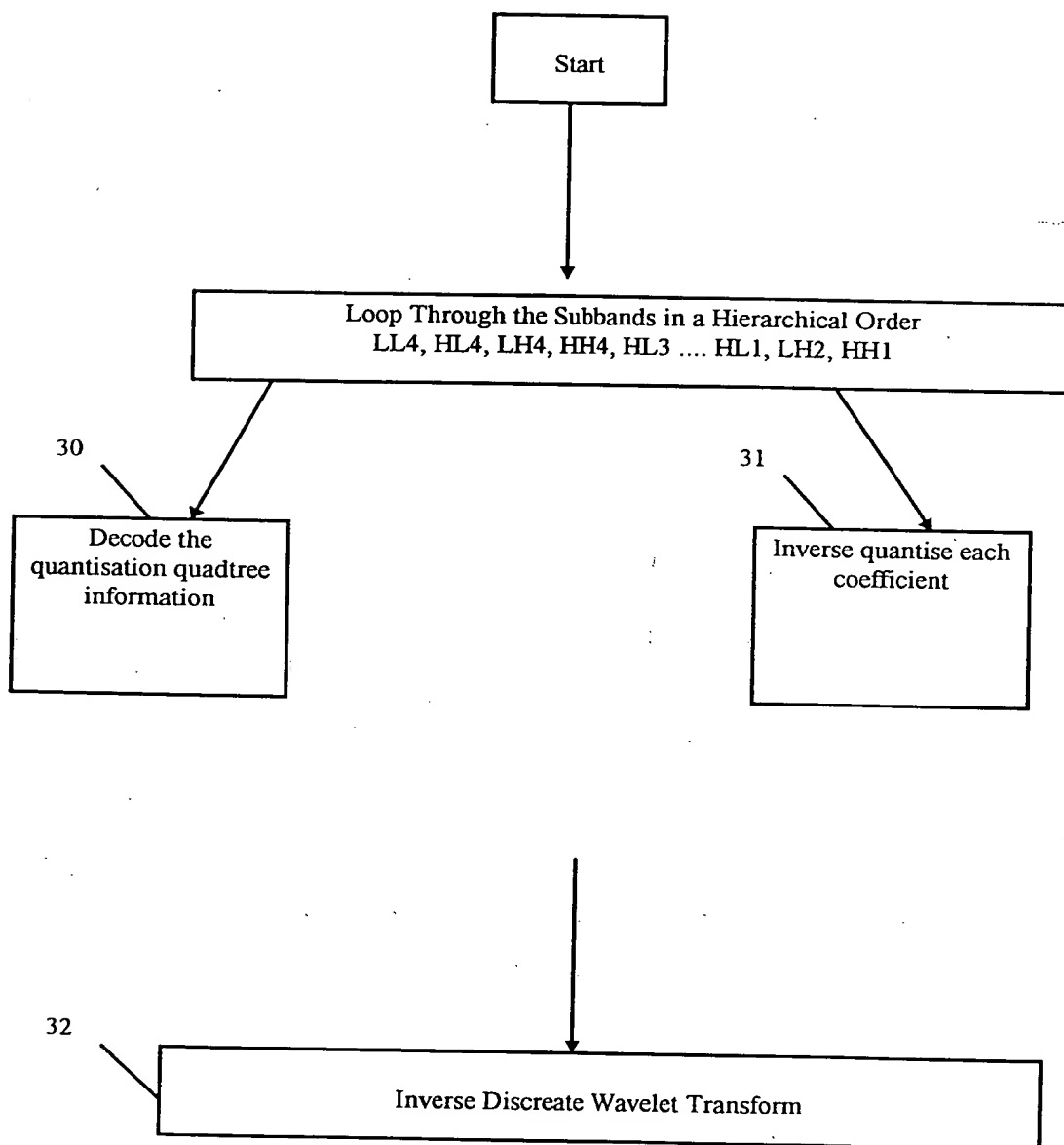


Fig. 5

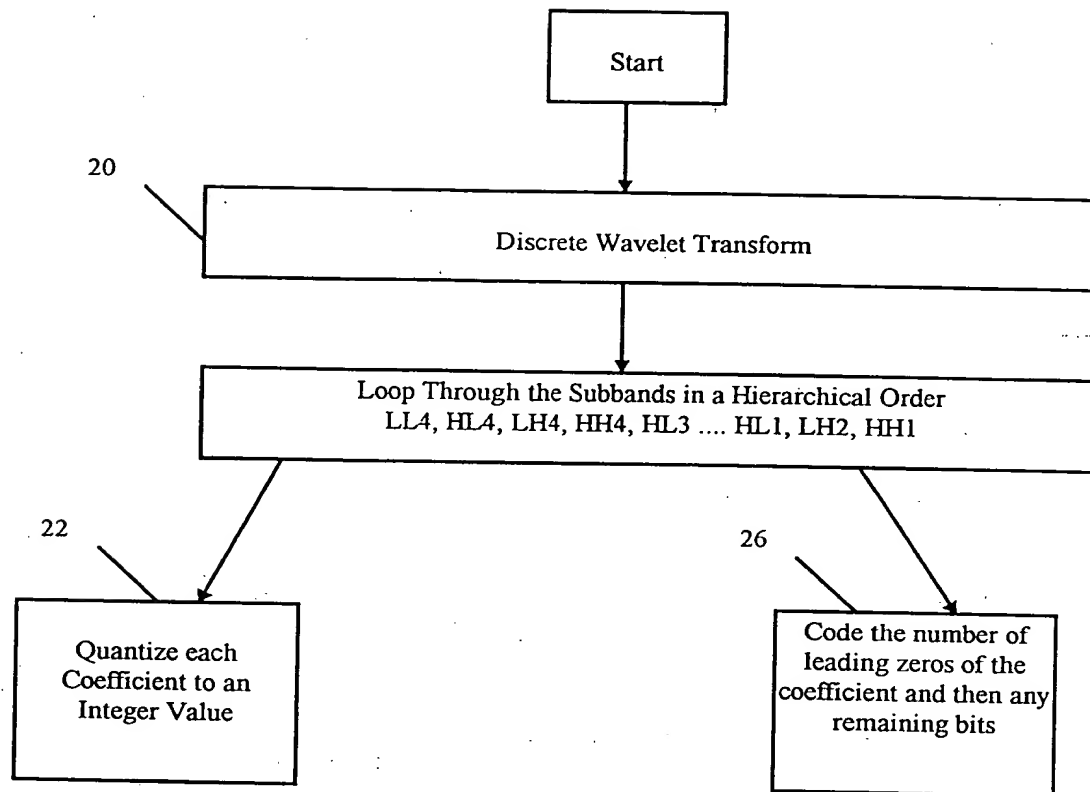


Fig. 4

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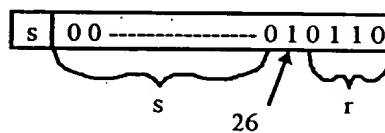


Fig. 6

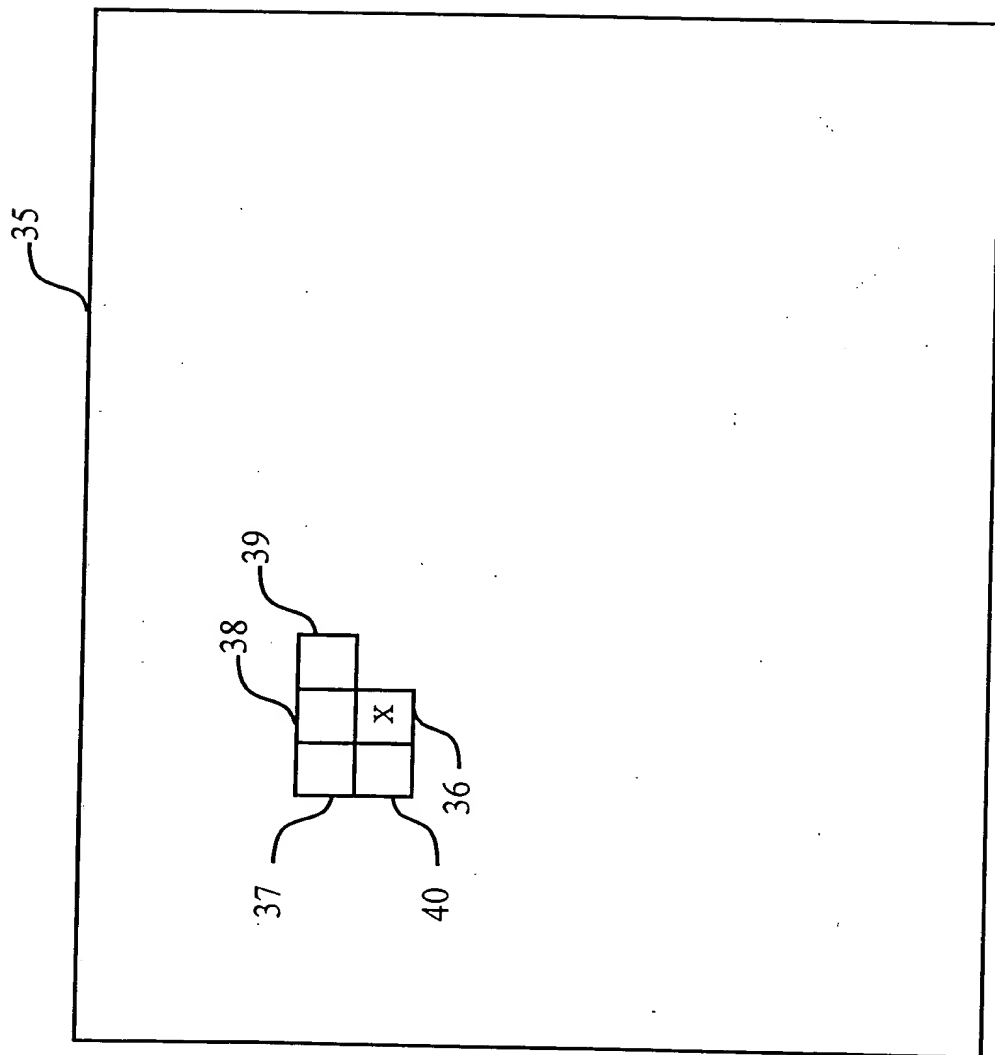


Fig. 7

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graph TD
    A[Context histograms. Set histogram(:, :) to zero] --> B([For each context c])
    B --> C([For each coefficient in the subband])
    C --> D[Increment histogram(c, i)  
where i is the number of leading zeros of the coefficient, and c is the number of surrounding coefficients that are non-zero.]
  
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Fig. 8.

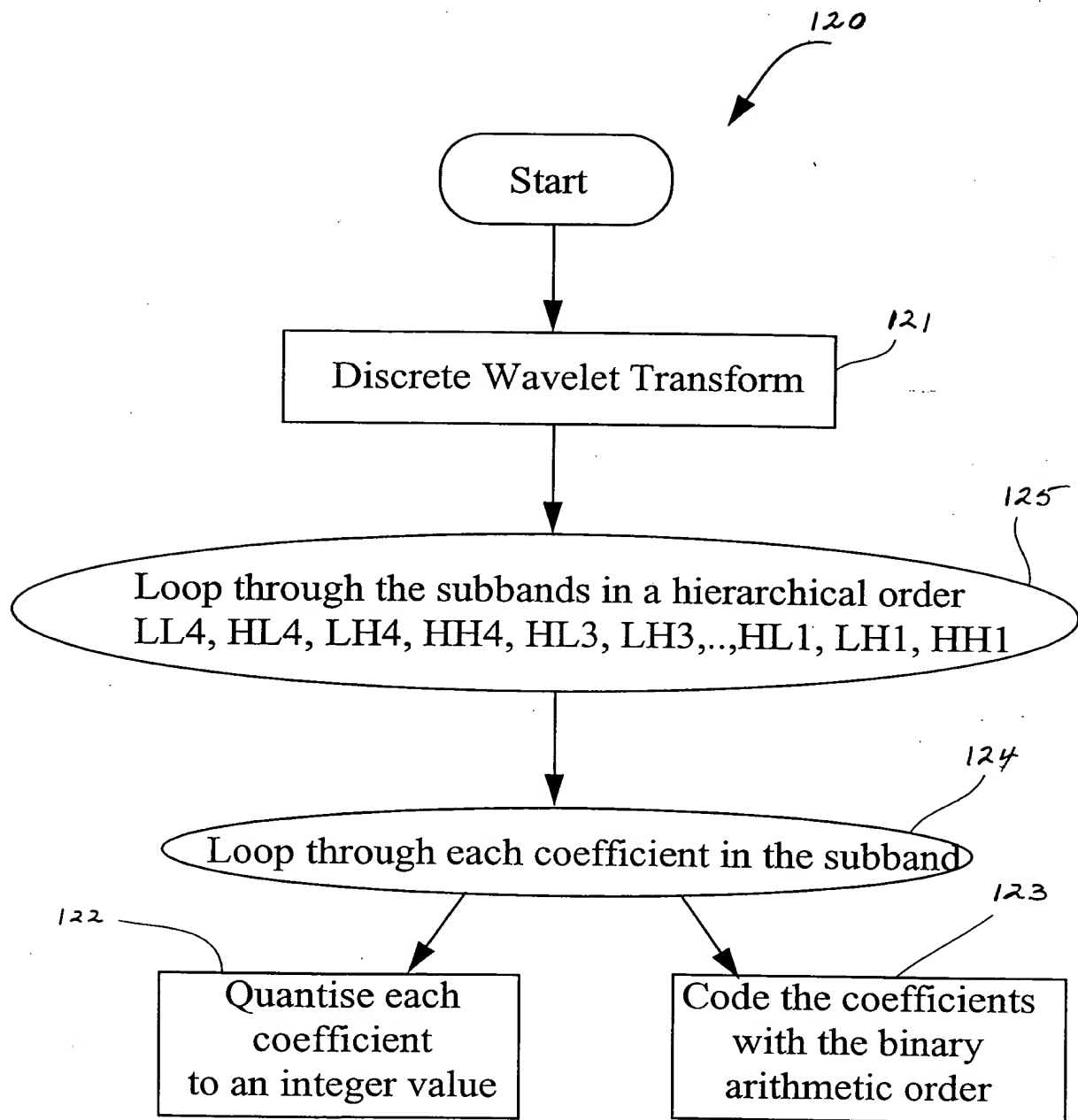


Fig. 9

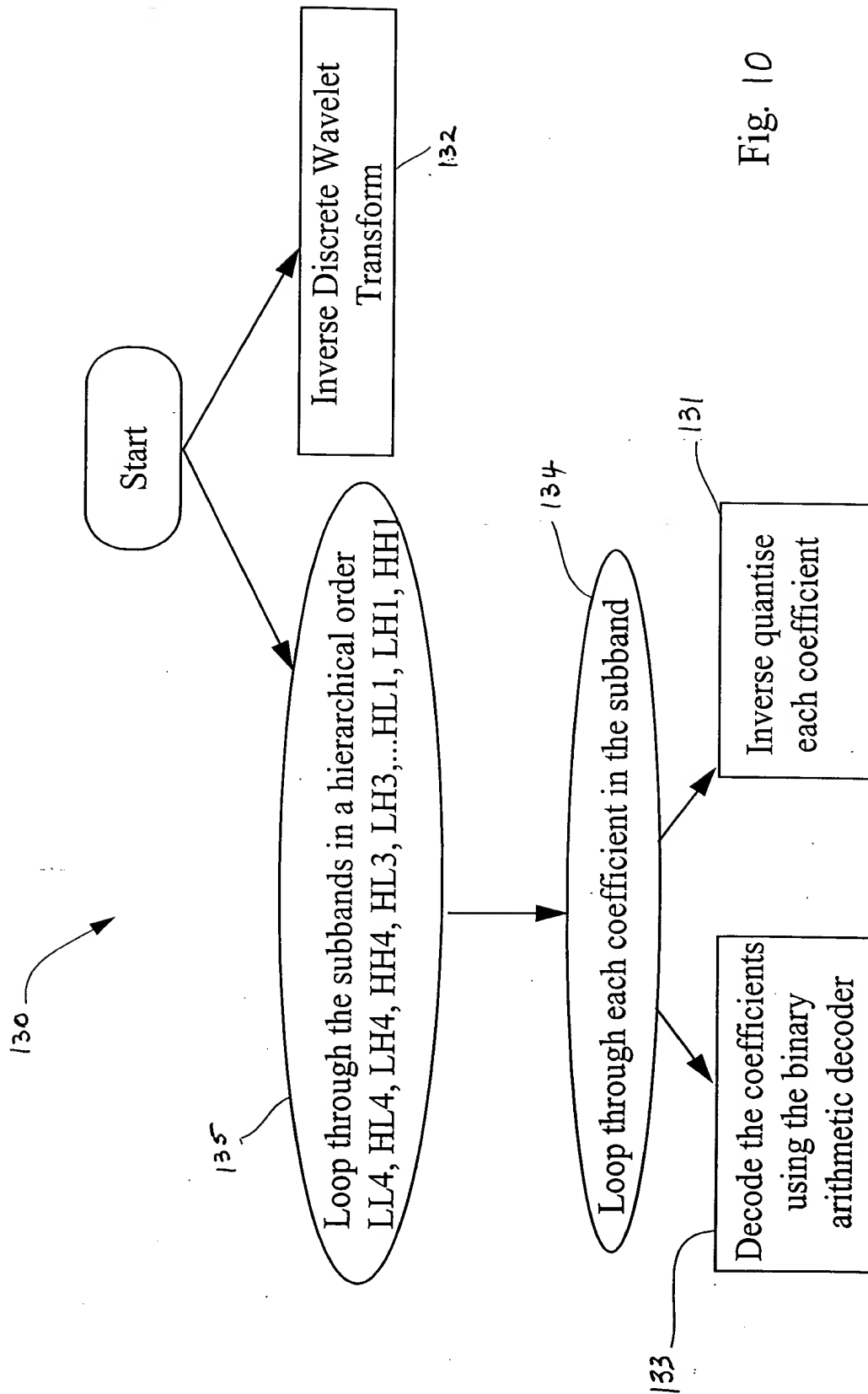


Fig. 10

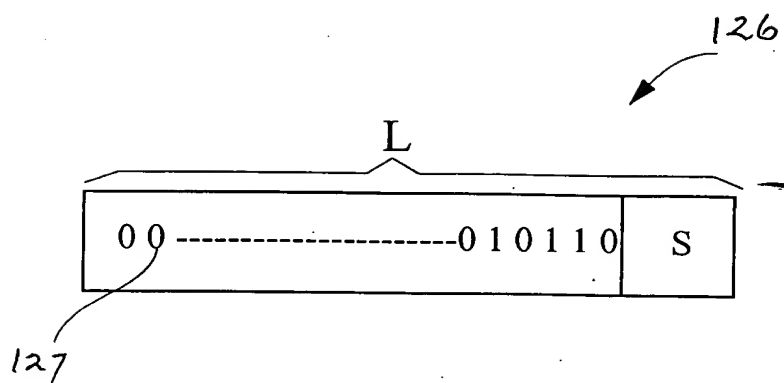


Fig. 11

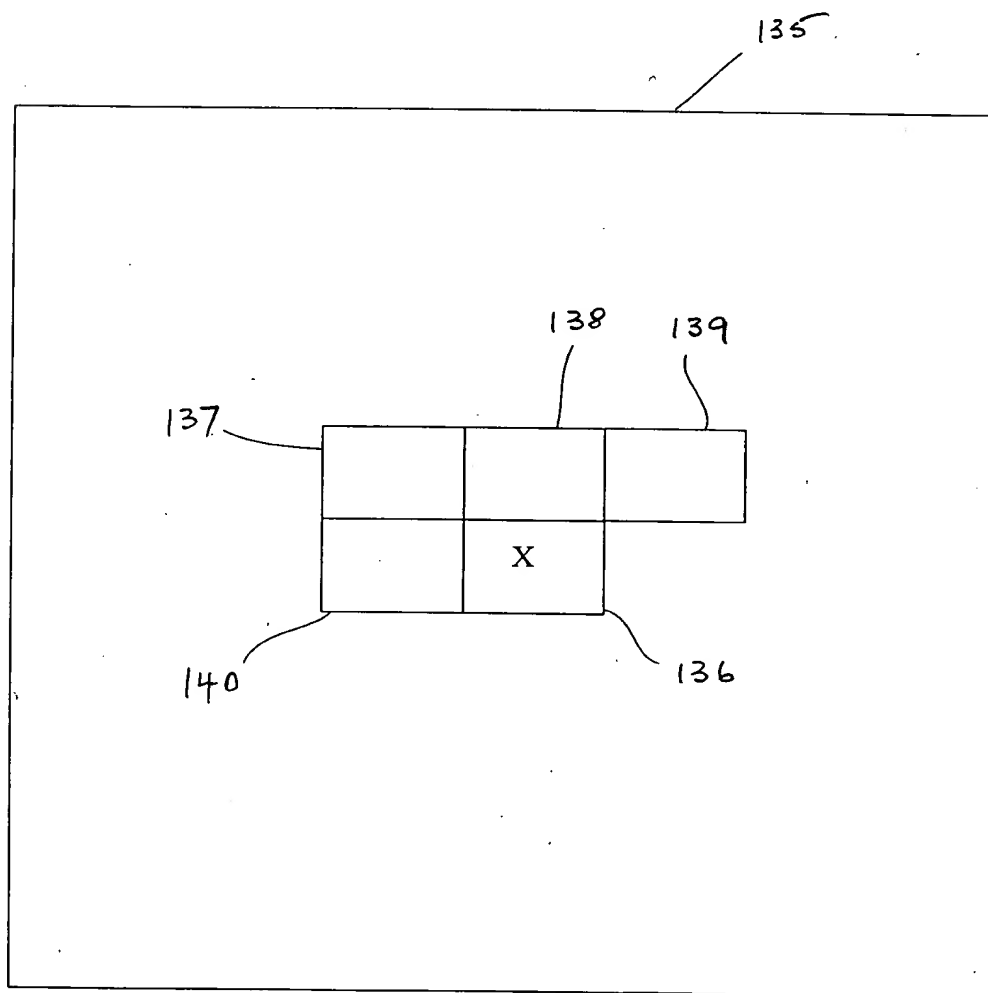
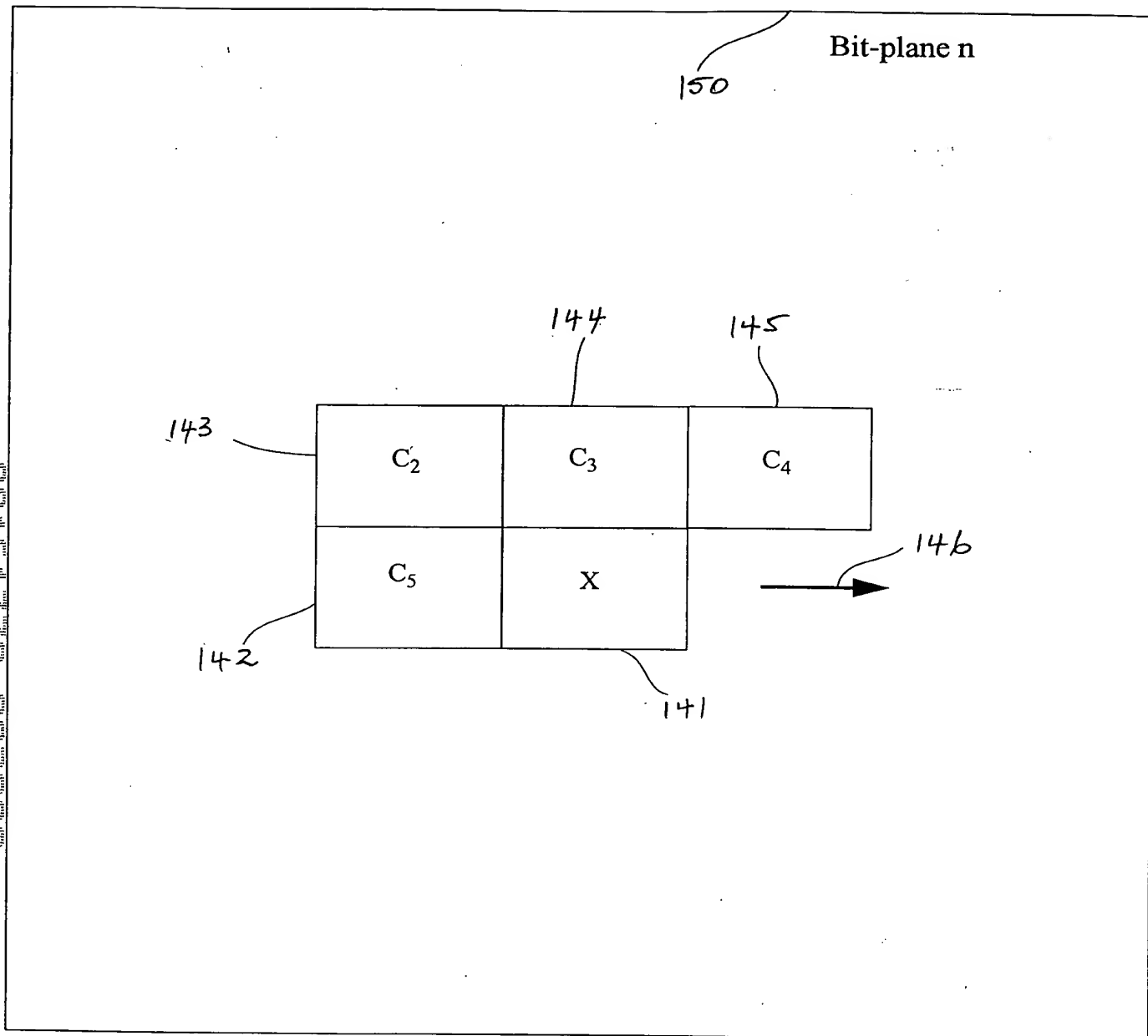


Fig. 12



$C_0 = \begin{cases} 1 & \text{if a most significant bit of current coefficient has been encoded} \\ 0 & \text{if a most significant bit of current coefficient has not been encoded} \end{cases}$

$C_1 = \begin{cases} 1 & \text{if any one or more of surrounding coefficient's most significant bits have been coded} \\ 0 & \text{if none of surrounding coefficient's most significant bits have not been coded} \end{cases}$

Fig. 13

Diagram illustrating a 2x2 grid structure, likely representing a cross-section or a layout of a device. The grid is divided into four quadrants by a central vertical line and a central horizontal line. A large 'Z' mark is centered on the grid. The grid is surrounded by 'X' marks, and various reference numerals are used to identify specific features:

- 160: Points to the top-right corner of the grid.
- 161: Points to an 'X' mark located to the right of the grid.
- 162: Points to the right side of the grid.
- 163: Points to the top-left corner of the grid.
- 164: Points to the top-right corner of the grid.
- 165: Points to the bottom-left corner of the grid.
- 166: Points to the bottom-right corner of the grid.
- 167: Points to the bottom-left corner of the grid.
- 168: Points to an 'X' mark located to the left of the grid.

Fig. 14

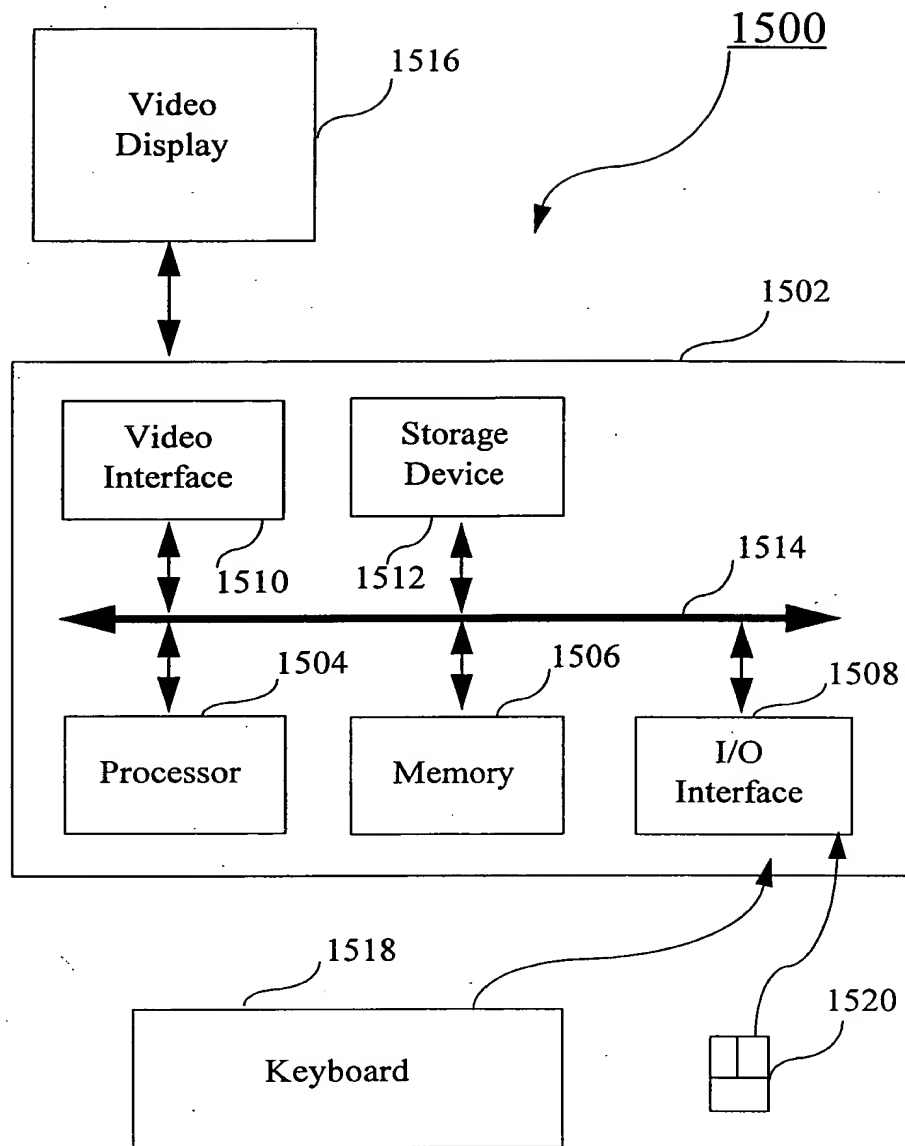


Fig. 15